## BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building/

#### **NOTICE OF ACCEPTANCE (NOA)**

WinDoor, Inc. 7500 Amsterdam Drive Orlando, FL 32832

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "4000" Aluminum Single Hung Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **FEI0001**, titled "Series 4000 Single Hung Impact (LMI) Window", sheets 1 through 7 of 7, dated 07/06/11, prepared by PTC, Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 09-0723.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

M

NOA No. 11-0815.11 Expiration Date: November 18, 2014 Approval Date: September 29, 2011 Page 1

#### WinDoor, Inc.

#### **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No **FEI0001**, Sheets 1 through 7 of 7, titled "Series 4000 Single Hung Impact (LMI) Window", dated 07/06/11, prepared by PTC Product Design Group, LLC, signed and sealed by Robert James Amoruso, P.E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of aluminum single hung window, specimens #SH-1 through #SH-6, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3567-1**, dated 10/24/08, signed and sealed by Gerard J. Ferrara, P.E.

#### (Submitted under previous NOA #09-0723.06)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of aluminum single hung window, specimens #SH-9, #SH-10 and #SH-11 prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3568-1**, dated 10/24/08, signed and sealed by Gerard J. Ferrara, P.E.

(Submitted under previous NOA #09-0723.06)

#### C. CALCULATIONS:

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC, LLC, dated 5/19/09, signed and sealed by Robert J. Amoruso, P.E.
- **2.** Glazing complies with ASTM E1300-04.

#### D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

Product Control Examiner NOA No. 11-0815.11

Expiration Date: November 18, 2014

Approval Date: September 29, 2011

#### WinDoor, Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.

#### F. STATEMENTS

- 1. Statement letter of conformance and no financial interest, dated August 09, 2011, signed and sealed by Robert J. Amoruso, P.E.
- 2. Proposal No. **08-0452** issued by BCCO, dated August 12, 2008, signed by Ishaq Chanda, P.E.
- Laboratory compliance letters for Test Reports No. NCTL-210-3567-1 and NCTL-210-3568-1, issued by National Certified Testing Laboratories, dated January 7, 2009, signed and sealed by Gerard J. Ferrara, P.E.
- 4. Asset purchase agreement dated March 10, 2011, signed by Mr. Joel G. Lehman and Mr. Jerry Decker.
- 5. Confirmation of Sales Agreement, listing all Miami-Dade NOA's dated March 21. 2011 signed by Joel G. Lehman, President, Florida Extruders International, Inc.
- 6. Confirmation letter of sales of assets, including fabrication, assembly equipment and 777associated test reports and intellectual material, dated August 3, 2011, signed by R. Frank Lukens, Jr., President and CEO, WinDoor, Inc.
- 7. Letter from PTC Product Design, LLC dated 08/09/11, certifying that Test Reports # NCTL-210-3567-1 and NCTL-210-3568-1 were re-issued to WinDoor, Inc. by National Certified Testing Laboratories under Test Reports # NCTL-210-3744-1A and NCTL-210-3744-5A, signed and sealed by Robert James Amoruso, P.E.

#### G. OTHERS

1. Notice of Acceptance No. **09-0723.06**, issued to Florida Extruders International, Inc. for their Series "Milestone 5000" Aluminum Single Hung Window – L.M.I., approved on 11/18/09 and expiring on 11/18/14.

Manuel Perez, P.E.-Product Control Examiner NOA No. 11-0815, H-

Expiration Date: November 18, 2014 Approval Date: September 29, 2011

# WINDOOR, Inc. IMPACT SERIES 4000 SH Window, LMI INSTALLATION ANCHORAGE DETAILS

#### **GENERAL NOTES:**

- 1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH 3. WHEN WOOD BUCKS ARE USED, THEY SHALL NOT BE VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURES STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-210-3744-1A AND NCTL-210-3744-5A DATED 01/07/2009 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

Minimum

- CONSIDERED PART OF THE STRUCTURAL SUBSTRATE REGARDLESS OF THEIR ATTACHMENT TO THE STRUCTURAL SUBSTRATE. WOOD BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER 7, GLASS MEETS THE REQUIREMENTS OF ASTM £1300-04. OR ARCHITECT OF RECORD.
- 4. WHEN 1X AND 2X WOOD BUCKS ARE USED AND IN CONTACT WITH CONCRETE AND/OR MASONRY, THE WOOD USED SHALL BE EITHER A PRESERVATIVE SPECIES IN ACCORDANCE WITH 2007 FBC - BUILDING.
- TREATED SOUTHERN YELLOW PINE OR A DURABLE WOOD SECTION 2326.2. THE WOOD USED MUST HAVE A SPECIFIC GRAVITY OF 0.55 MINIMUM. Table 1 - ANCHOR SCHEDULE Minimum Minimum Edge **Embedment** Distance (in) (ln) 2 1/2 1 1/4 1 1/4 1 1/2
- Concrete Substrate **Anchor Type** Size Manufacturer Strength (psi) ITW Buildex Tapcon ITW Buildex Tapcon with Carbon Steel ASTM C90 CMU 1/4" Advanced Threadform Concrete Screw Technology Elco Ultracon ITW Buildex Tapcon with Carbon Steel Filled 2000 Advanced Threadform 1 3/4 1 1/2 Concrete Screw (Grouted) Technology Carbon Steel 2000 1 3/4 2 1/2 Elco Ultracon Concrete Screw ITW Buildex Tapcon with Carbon Steel 2000 Advanced Threadform 1 3/4 1 1/2 Concrete Screw Concrete Technology Carbon Steel 2700 Eco Ultracon 1 3/4 1 1/2 Concrete Screw Wood or Tapping Wood #14 WS ANSI B18.6.1 or Screw (Carbon or 1 1/2 Frame 1/4" TS ASME B18.6.4, Type AB Stainless Steel) 3 screw threads **Tapping Screw** Mullion embedment past Carbon or Stainless. ASME B18.6.4 (Jamb Only) inside of mullion's web

- A. Other manufacturer's concrete screws may be acceptable if they meet or exceed the allowable shear value of 303 lbs for concrete or grout-filled CMU or 202 lbs for hollow CMU, are installed at a minimum embedment required for that allowable and the installation meets the edge distance and spacing requirements for that anchor at the prescribed shear capacity.
- B. All screws will be "flat" head.
- C. Screw lengths will be sufficient to allow the minimum embedment to be made into the receiving substrate.
- D. CMU: Concrete Masonry Unit.

- 5. AN IMPACT PROTECTIVE SYSTEM (I.E. SHUTTERS, ETC.) IS 7 SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR NOT REQUIRED WITH THESE WINDOWS.
- 6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6 AND 6005-T5.
- 8. DESIGNATIONS "X" AND "O" STANDS FOR THE FOLLOWING: X: OPERABLE SASH, O: FIXED LITE.
- 9. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCTS SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS NOT BEEN USED FOR WOOD ANCHOR DESIGN.

#### **INSTALLATION NOTES:**

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON THE ELEVATIONS.
- NOT APPLICABLE.
- 3. ALL INSTALLATION ANCHORS MUST HAVE A CORROSION RESISTANT COATING OR BE MADE OF STAINLESS STEEL.
- 4. SEAL FRAME CORNERS AT SILL-TO-JAMB AND HEAD-TO-JAMB WITH SMALL JOINT SEAM SEALANT, SEE CORNER DETAIL
- 5. SEAL ALL INSTALLATION ANCHOR HEADS WITH SMALL JOINT SEAM SEALANT DURING INSTALLATION. APPLY SEALANT IN COUNTERSINK BEFORE ANCHOR INSTALLATION AND SEAL ANCHOR HEAD AFTER ANCHOR INSTALLATION.
- 6. THE SPACING OF INSTALLATION ANCHORS DEPICTED IS THE MAXIMUM SPACING TO BE USED FOR PRODUCT INSTALLATION, ANCHORS ARE TO MATCH TYPE, SIZE, EDGE DISTANCE AND EMBEDMENT OF THOSE SHOWN IN TABLE 1 FOR RESPECTIVE SUBSTRATE.

			TABLE OF CONTENTS	
SHE	ET RE	V.	SHEET DESCRIPTION	
1		-	GENERAL AND INSTALLATION NOTES	
2		-	ANCHOR LAYOUT & DP TABLE	
3		-	ANCHORAGE LIMITATIONS DP TABLES	]
4	.	-	VERTICAL SECTIONS & CORNER DETAIL	- 1
5		-	VERTICAL SECTIONS	
6		-	HORIZONTAL SECTIONS	
7		-	COMPONENTS, BOM & GLAZING DETAILS	

- WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 8. FOR INSTALLATION INTO WOOD FRAMING, USE WOOD SCREWS OR TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE THE MINIMUM EMBEDMENT, MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR SEPARATION OF 1 INCH AS SHOWN IN TABLE 1.
- 9. FOR INSTALLATION THROUGH 1X WOOD BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE CONCRETE SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE AS SHOWN IN TABLE 1. TO PREVENT WOOD BUCKING FROM SPLITTING, DRILL 1/4" DIAMETER HOLE TO ACCOMODATE ANCHORS.
- 10. FOR INSTALLATION INTO MIAMI-DADE APPROVED MULLION, USE TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS EMBEDMENT PAST INSIDE OF MULLION'S WEB AS SHOWN ON TABLE 1. APPLICABLE ONLY FOR JAMB TO MULLION CONNECTION. SHIMS CANNOT BE USED.
- 11. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO. FOAM, BRICK VENEER AND SIDING).
- 12. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 13, INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE **FOLLOWING PROPERTIES:** 
  - A, WOOD SOUTHERN YELLOW PINE, MINIMUM SPECIFIC GRAVITY OF 0.55.

RODUCT REVISED

building Code

s complying with the Florida

Acceptance No 11-0815.11

xpiration Date NOV. 18. 2014

- B. CONCRETE MINIMUM COMPRESSIVE STRENGTH SHOWN IN TABLE 1 AND COMPLIES WITH ACI 301, ACI 318-05 AND ACI 355.
- C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90 AND ACI 530-05, GRADE N, TYPE 1 (OR GREATER) GROUT FILLED PER FLORIDA BUILDING CODE.

7500 AMSTERDAM DRIVE

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DATE

DESCRIP

Robert J. Amoruso, P.E.

FL License No. 49752

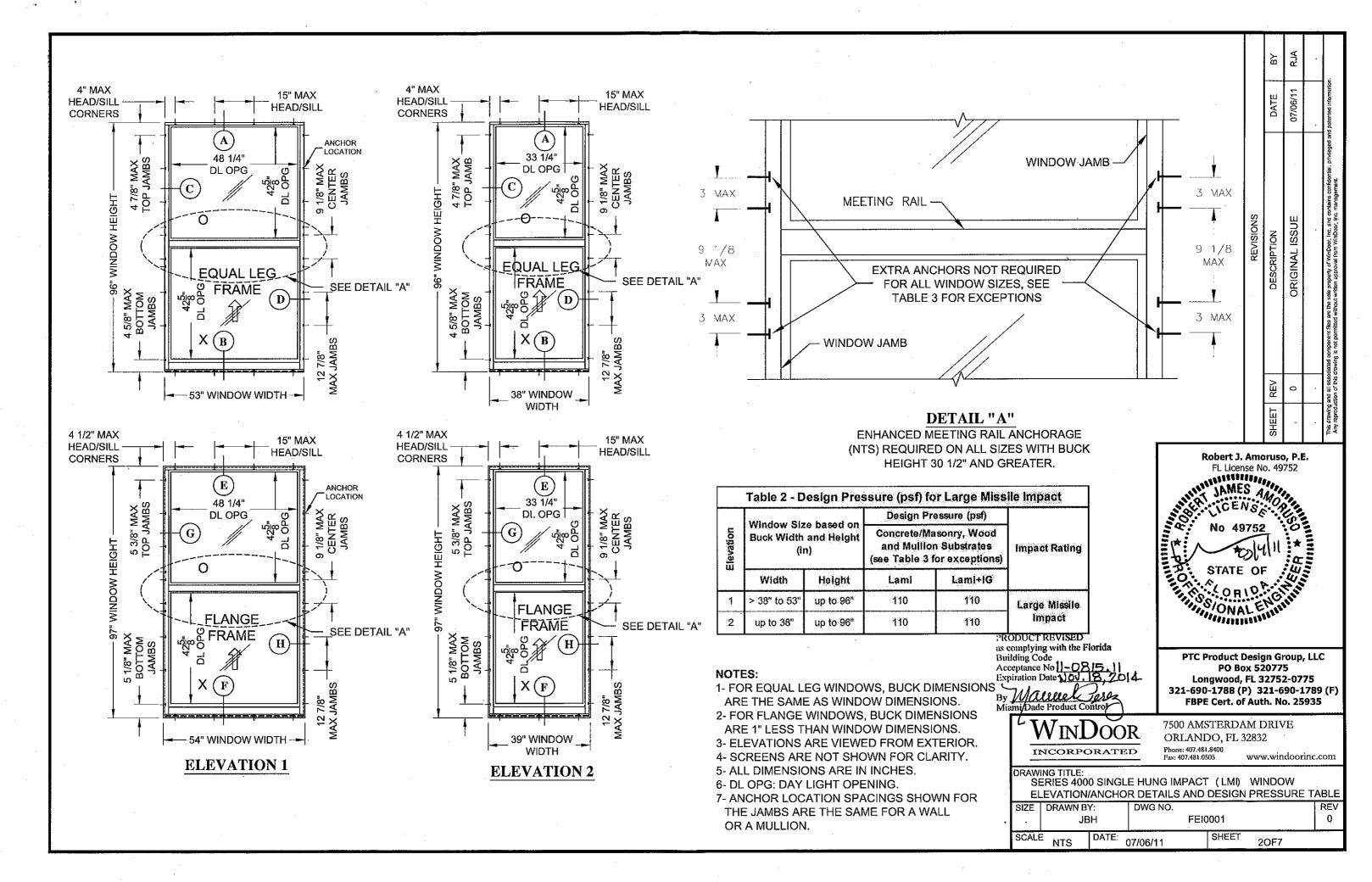
JAMES AM

DRAWING TITLE:

REV DATE: 07/06/11 SHEET 10F7

INCORPORATED

SERIES 4000 SINGLE HUNG IMPACT (LMI) WINDOW GENERAL AND INSTALLATION NOTES					
SIZE	DRAWN BY:	DWG NO.			
	JBH	FEI0001			
		<u> </u>			



### TABLES 3A TO 3E - WINDOW SIZES WITH LIMITATIONS IN DESIGN PRESSURE DUE TO ANCHORAGE.

	Design	Pressure (DP)	(psf) limited by Ar	nchorage	
C	oncrete & Filled (	······		CMU	
Bu	ick Sizes	DD /ncfi	Buck S	Bizes	DD (
BW	ВН	DP (psf)	BW	BH	DP (psf)
<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>				> 95 to 96	95
		110 psf (from	> 52-1/8 to 53	> 83 to 95	96
				> 71 to 83	104
No anchor	limitations to DD			> 95 to 96	97
No anchor limitations to DP.		Table 2)	> 47 to 52-1/8	> 83 to 95	98
				> 71 to 83	106
			No anchor limitations to DP for sizes		110 psf (from
			smaller then t	hose above.	Table 2)

	Table 3B - I	Modular Sized	l Windows in Con	crete/Masonry	
	Design	Pressure (DP)	(psf) Ilmited by A	nchorage	
Co	ncrete & Filled (	CMU		CMU	
Bu	ck Sizes	DP (psf)	Buck	Sizes	DD (not)
BW	BH	Dr (pai)	BW	вн	DP (psf)
<del></del>				> 95-1/2 to 96	95
			> 52-1/8 to 53	> 83-1/2 to 95-1/2	96
				> 71-1/2 to 83-1/2	103
No anchor I	imitations to DP.	110 psf (from	> 47-1/2 to 52-1/8	> 95-1/2 to 96	97
140 ditorior,	initations to Dr .	Table 2)		> 83-1/2 to 95-1/2	98
			·	> 71-1/2 to 83-1/2	106
			No anchor limitations to DP for sizes smaller then those above.		110 psf (from Table 2)

Table 3C - Wir	Commodity & ndows Jamb to	Modular Sized Mullion
Design Pressu	re (DP) (psf) lin	nited by Anchorage
Buck Sizes		DP (psf)
BW	BH	Dr. (bai)
No anchor lim	110 psf (from Table 2)	

REVISIONS	DESCRIPTION	ORIGINAL ISSUE		This drawing and all associated component files are the sole property of WinDoor, Inc. and contains confidential, privileged a Any reproduction of this drawing is not permitted without written approval from WinDoor, Inc. management.
	REV	0		and all asso
	SHEET		•	This drawing. Any reproduc

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,	Design	Pressure (DF	) (psf) limited by	Anchorage	
Buck Sizes		DP (pst)	Buc	k Sizes	DP (psf)
BW	ВН	Dr (pai)	BW	ВН	DP (psi)
53	96	61	47	96	75
53	95	61	47	95.	75
53	83	66	.47	83	79
53	72	73	47	72	85
53	71	73	47	71	85
53	62	78	47	62	92
53	55 1/4	86	47	55 1/4	99
53	49 5/8	94	47	49 5/8	107
53	43 3/4	100	47	43 3/4	110
53	37 3/8	110	47	37 3/8	110
53	30 1/2	110	47	30 1/2	110
53	25	* 85	47	25	* 96
52 1/8	96	62	38	96	.97
52 1/8	95	63	38	95	103
52 1/8	83	68	38	> 71 to 83	106
52 1/8	72	75	38	25 to 71	110
52 1/8	71	75	36	> 95 to 96	105
52 1/8	62	80	36	25 to 95	110
52 1/8	55 1/4	88	No ababas Ilasha	laka ta DD faratiras	440 - 4 /6-14
52 1/8	49 5/8	96	1	tions to DP for sizes	1 1
52 1/8	43 3/4	101	- silialiel ille	n those above.	Table 2)
52 1/8	37 3/8	110			•
52 1/8	30 1/2	110			

52 1/8

25

\* 87

	Table 3E - N	lodular Size	ed Windows in W	lood Substrates	
	Design F	Pressure (DI	P) (psf) limited by	Anchorage	
Buck Sizes DP (psf)			Buck Sizes		00 4-0
BW	BH	nt (hail	BW	вн	DP (psf)
53	96	61	43 1/2	96	80
53	95 1/2	61	43 1/2	95 1/2	81
53	83 1/2	66	43 1/2	83 1/2	86
53	71 1/2	73	43 1/2	71 1/2	94
53	59 1/2	81	43 1/2	59 1/2	102
53	51 1/2	91	43 1/2	30-1/2 to 51-1/2	110
53	47 1/2	98	43 1/2	27 1/2	* 96
53	43 1/2	100	39 1/2	96	92
53	35 1/2	110	39 1/2	95 1/2	92
53	30 1/2	110	39 1/2	83 1/2	98
63	27 1/2	* 78	39 1/2	71 1/2	106
47 1/2	96	71	39 1/2	30-1/2 to 59-1/2	110
47 1/2	95 1/2	71	39 1/2	27 1/2	* 105
47 1/2	83 1/2	76	35 1/2	> 83 1/2 to 96	107
47 1/2	71 1/2	84	Alexanders flags	Carra ta DD Carrationa	440 4/6
47 1/2	59 1/2	92	No anchor limitations to DP for sizes 110 psf (from smaller then those above. Table 2)		
47 1/2	51 1/2	103			
47 1/2	30-1/2 to 47-1/2	110	1	······································	<del> </del>
47 1/2	27 1/2	* 87	~		

as complying with the Florida
Building Code
Acceptance No 11-0815. 11
Expiration Date Nov. 18, 2014

PTC Product Design Gro

PTC Product Design Group, LLC PO Box 520775 Longwood, FL 32752-0775 321-690-1788 (P) 321-690-1789 (F) FBPE Cert. of Auth. No. 25935

Robert J. Amoruso, P.E. FL License No. 49752

\* SIZES WITH BUCK HEIGHT (BH) LESS THAN 30 1/2" DO NOT HAVE SPACE FOR ENHANCED ANCHORAGE AT THE MEETING RAILS, THEREFORE THE DESIGN PRESSURE (DP) IS LOWER THAN THE NEXT LARGEST WINDOW. AT 30 1/2" BH OR LARGER, WINDOWS ARE FABRICATED AND INSTALLED WITH ENHANCED ANCHORAGE AT MEETING RAILS.

#### NOTES:

- 1- FOR EQUAL LEG WINDOWS, BUCK DIMENSIONS ARE THE SAME AS WINDOW DIMENSIONS.
- 2- FOR FLANGE WINDOWS, BUCK DIMENSIONS ARE 1" LESS THAN WINDOW DIMENSIONS.
- 3- BW: BUCK WIDTH, BH: BUCK HEIGHT
- 4- DP: DESIGN PRESSURE
- 5- CMU: CONCRETE MASONRY UNIT

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	ING TITLE:						
SERIES 4000 SINGLE HUNG IMPACT (LMI) WINDOW							
ANCHOR LIMITATION TABLES							
SIZE	DRAWN BY:	DWG NO.		REV			

SIZE DRAWN BY: DWG NO.

JBH FEI0001

DATE: 07/06/11

SHEET 3OF7

